

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/07277

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> G06K19/077, 19/07

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> G06K19/077, 19/07

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E, X	JP 2003-216899 A (Hitachi Cable, Ltd.), 31 July, 2003 (31.07.03), Par. Nos. [0031] to [0046]; Figs. 1 to 4 (Family: none)	1-5, 8-10
P, X	JP 2002-183702 A (J-Phone Higashi Nihon Kabushiki Kaisha), 28 June, 2002 (28.06.02), Par. Nos. [0011] to [0022]; Figs. 1 to 5 (Family: none)	1-7
A	JP 2002-124888 A (Canon Inc.), 26 April, 2002 (26.04.02), Par. Nos. [0016] to [0026]; Figs. 1, 2 (Family: none)	1-10

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search  
09 September, 2003 (09.09.03)Date of mailing of the international search report  
24 September, 2003 (24.09.03)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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Telephone No.

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 6-195524 A (Toshiba Corp.), 15 July, 1994 (15.07.94), Full text; all drawings (Family: none)	1-10